

Figure 1 Serological Response of Pigs Vaccinated with a vaccine comprising *L. intracellularis*

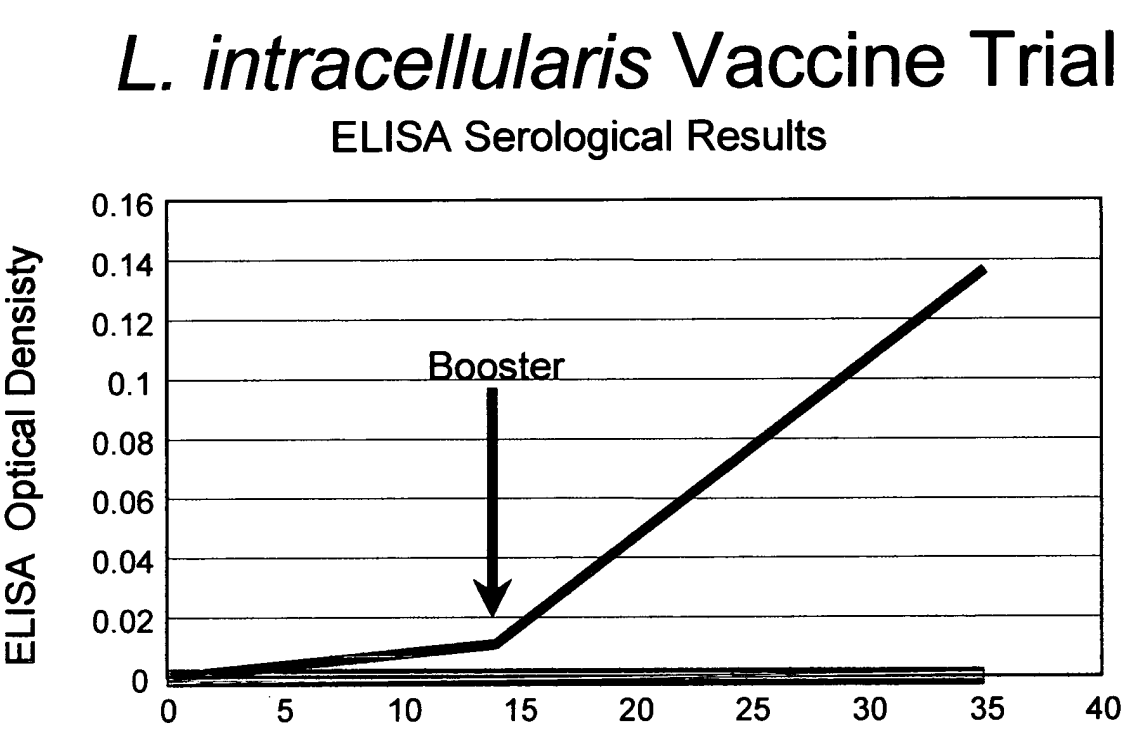


Figure 2 Western blot analysis of sera from convalescent pigs (1/100 dilution) reacted to a gradient purified *L. intracellularis* antigen extract (lanes A, C, E, G, I, K as indicated by a white box at the top of the lane (Ag) or to a Henle cell (C)extract (lanes B, D, F, H, J, L).

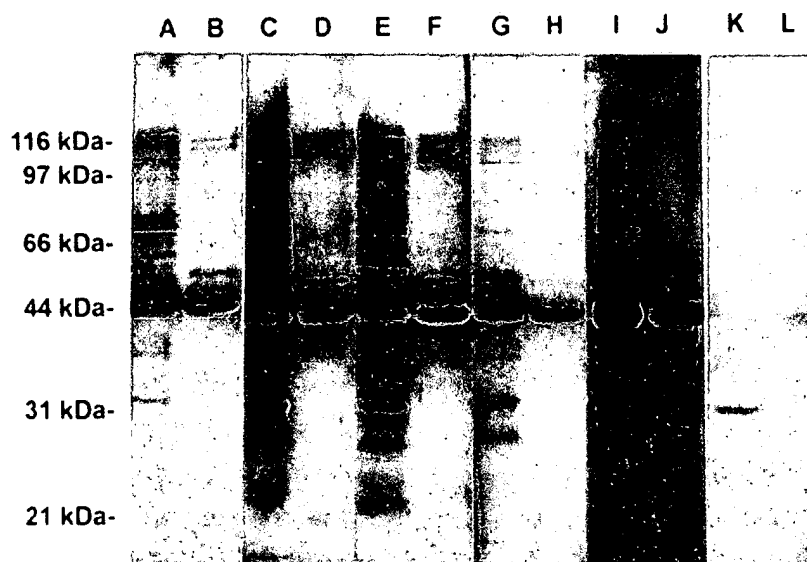
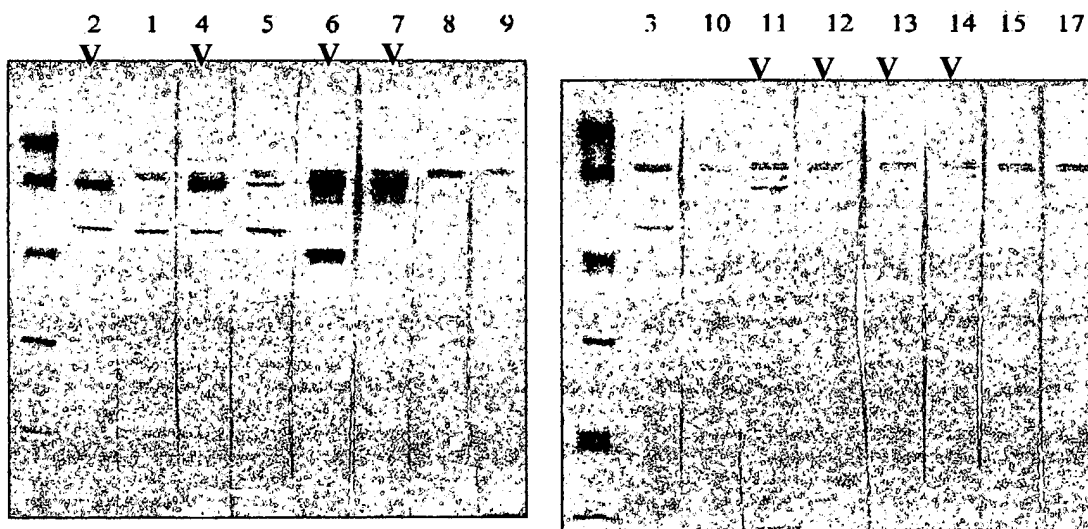


Figure 3 Western blot of sera from vaccinated pigs reacted to an extract of *L. intracellularis*.

Vaccinates: 2, 4, 6, 7, 11, 12, 13, 14 (V)
 Controls: 1, 3, 5, 8, 9, 10, 15, 17



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Lanes 2,4,6,8,10,12 contain Henle cell extracts

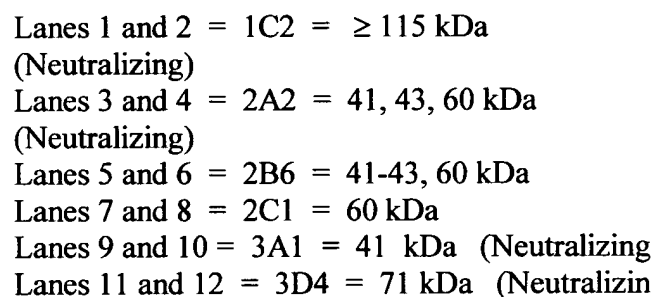
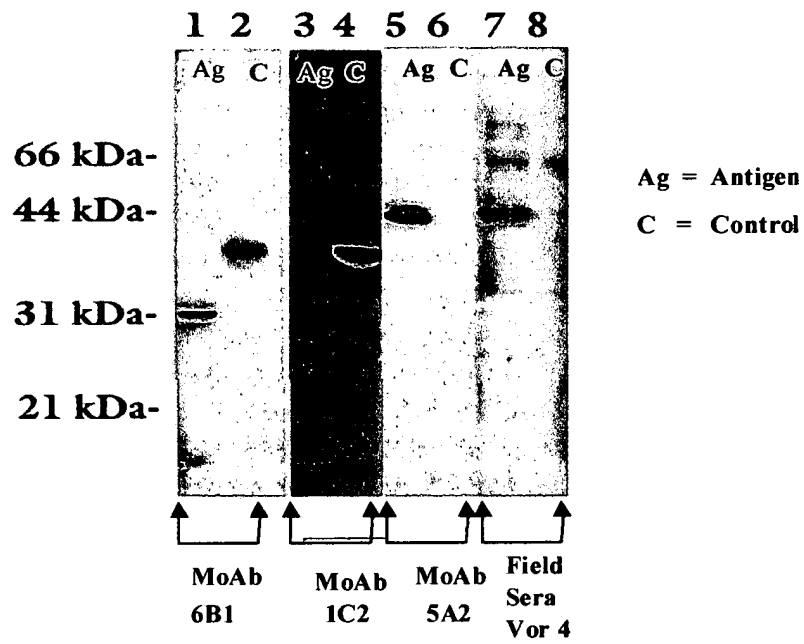


Figure 5

Western blot of monoclonal antibodies reacted to an extract of *L. intracellularis* (Antigen)



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Figure 6 Dose-dependent neutralization curve comparing monoclonal antibody 5A2 and Vor 4 with a non-neutralizing monoclonal antibody.

